## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings of claims in the application:

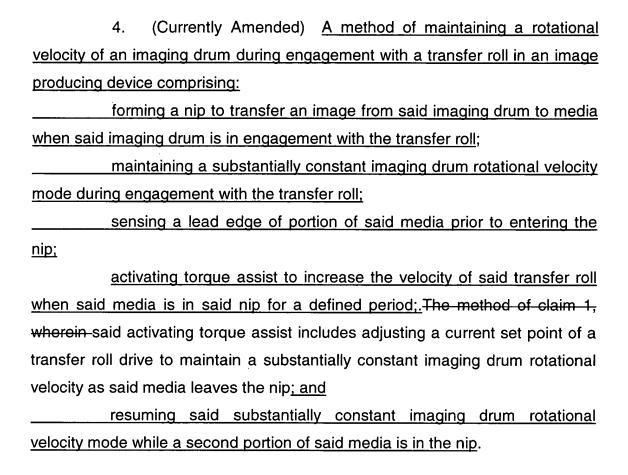
## **LISTING OF CLAIMS:**

- 1. (Cancelled)
- 2. (Currently Amended) A method of maintaining a rotational velocity of an imaging drum during engagement with a transfer roll in an image producing device comprising: forming a nip to transfer an image from said imaging drum to media when said imaging drum is in engagement with the transfer roll; maintaining a substantially constant imaging drum rotational velocity mode during engagement with the transfer roll; sensing a lead edge of portion of said media prior to entering the nip; activating torque assist to increase the velocity of said transfer roll when said media is in said nip for a defined period; resuming said substantially constant imaging drum rotational velocity mode while a second portion of said media is in the nip; and The method of claim 1, further comprising sensing the trailing of said media prior enter the nip;

activating torque assist to decrease the velocity of said transfer roll when said media is in said nip for a second defined period; and

resuming said substantially constant imaging drum rotational velocity mode after said media has left the nip.

<ol><li>(Currently Amended) <u>A method of maintaining a rotation</u></li></ol>
velocity of an imaging drum during engagement with a transfer roll in an imag
producing device comprising:
forming a nip to transfer an image from said imaging drum to med
when said imaging drum is in engagement with the transfer roll;
maintaining a substantially constant imaging drum rotational veloci
mode during engagement with the transfer roll;
sensing a lead edge of portion of said media prior to entering the
nip;
activating torque assist to increase the velocity of said transfer re
when said media is in said nip for a defined period; The method of claim
wherein said activating torque assist includes adjusting a current set point of
transfer roll drive to maintain a substantially constant imaging drum rotations
velocity when said media enters the nip <u>; and</u>
resuming said substantially constant imaging drum rotations
velocity made while a second partian of said media is in the nin



- 5. (Currently Amended) The method of claim 42, wherein said maintaining includes increasing and decreasing said imaging drum rotational velocity includes by utilizing the table base based upon the media characteristics to determine the transfer roll drive current to maintain a substantially constant imaging drum rotational velocity.
- 6. (Currently Amended) The method of claim 42, wherein said first-defined period and second defined period-includes utilizing the table base based upon the media characteristics to determine time periods to maintain a substantially constant imaging drum rotational velocity.